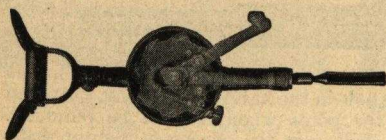




Diamond Rapid Fire Drills



This drill reproduces the same action as is produced with the hand hammer and drill, with greatly multiplied speed.

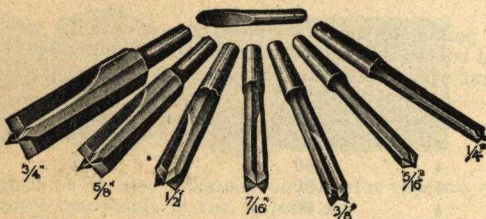
With every revolution

of the crank eight sharp blows are struck. No vibration. Its action is percussive.

Each drill has three adjustments, hard, medium and soft, controlled by a spring lever at the side of the housing. The springs are easily changed by removing the cover of the housing without disarranging or unfastening any of the parts of the mechanism.

Price, Drill Only, without Drill Points.....each **\$32.00**

Diamond Standard Drill Points



Diam. Inches	Length Inches	Depth Hole Inches	Price Each	Diam. Inches	Length Inches	Depth Hole Inches	Price Each
1/4	4 1/4	3	\$.71	5/8	6	4 1/2	\$1.00
5/16	4 1/4	3	.71	3/4	6	4 1/2	1.17
3/8	4 1/4	3	.71	7/8	6 1/2	5	1.33
7/16	4 1/4	3	.75	1	6 1/2	5	1.50
1/2	6	4 1/2	.84

Complete Set (7 sizes) 1/4, 5/16, 3/8, 7/16, 1/2, 5/8 3/4 and 1.. **\$7.50**

Drills and Drill Holders



Hammer Drill



Drill Holder, with Drill in Place



1/2x4-inch Star Drill



1/2x4-inch Combination Drill

Combination hammer drill is a light, highly efficient, rapid and inexpensive outfit especially adapted for the quick installation of expansion bolts. The spring action aids the act of drilling. When used in connection with self clearing bits the one tool does both drilling and setting of the bolt.

Drill holders and drill handles are for use where it is not necessary to go to the expense of the combination drill hammer. The drill holder is for use with short drills. The drill handle can be used with 1/2x12-inch drills only.

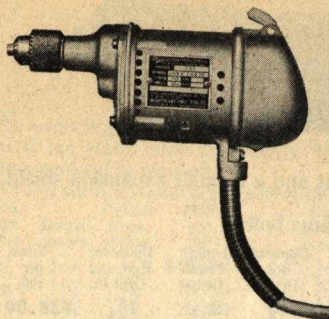
Description	Wt., Lbs. Each	Price Each
Hammer Drill Only.....	2 3/4	\$7.00
Drill Holder.....	1 1/8	1.60
" Handle.....	1/4	1.00

Combination drill bits have patented cross cut teeth with self clearing slots which are great advantages in the quick drilling of holes. These drills are also used to set expansion bolts in hole. Star drills, if desired, can be furnished at same price. When 1/2x12-inch drills are desired for use with drill holder, order should so specify.

Size, In.	Wt., Oz., Ea.	Price, Ea.	Size, In.	Wt., Oz., Ea.	Price, Ea.
1/2x 4	3	\$1.40	3/4x12	18	\$2.80
1/2x 6	6	1.60	1x 6	12	3.00
1/2x12	10	1.80	1x12	20	3.40
3/4x 6	8	2.60

No. UKB Thor Electric Drills

32, 110 or 220 Volts, A.C. or D.C.



Designed for continuous production work, especially where space is limited.

EQUIPMENT.—Aluminum bonnet, Jacobs chuck, cord and socket plug.

Specify voltage.

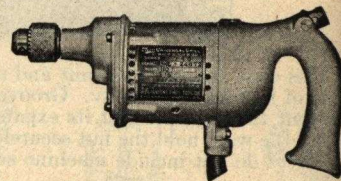
Cat. No.	Capacity Inches	Free Speed R. P. M.	Wt., Lbs. Each	Price Each
UKB	3 1/8	3500	3 3/8	\$50.00

No. UKC Thor Electric Drills

32, 110 or 220 Volts, A.C. or D.C.

Push button switch with double action. Button will stay down with current on, leaving fingers free and the switch is released and current cut off by slight pressure on side button.

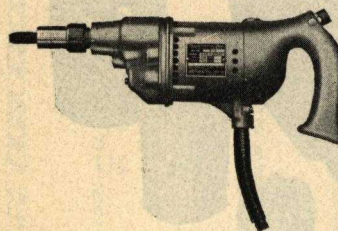
EQUIPMENT.—Grip switch handle, Jacobs chuck, cord and socket plug. Specify voltage.



Cat. No.	Capacity Inches	Free Speed R. P. M.	Wt., Lbs. Each	Price Each
UKC	3 1/8	3500	4 3/8	\$50.00

Thor Electric Screwdrivers

32, 110 or 220 Volts, A.C. or D.C.



EQUIPMENT.—Grip switch handle, No. 0 screwdriver attachment, cord and socket plug. No. UKF has aluminum bonnet in place of grip handle.

Specify voltage.

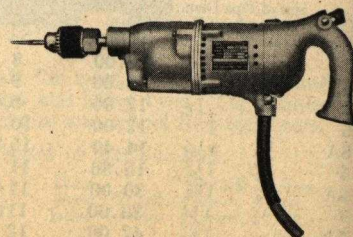
Cat. No.	Capacity Screws	Free Speed R. P. M.	Wt., Lbs. Each	Price Each
UKH	No. 10 and Smaller	400	5 3/8	\$65.00
UKF	" 10 " "	400	4 3/4	65.00

No. UKR Thor Reversible Tapping Machines

32, 110 or 220 Volts, A.C. or D.C.

EQUIPMENT.—Grip switch handle, 5/16-inch Jacobs chuck, cord and socket plug.

Specify voltage.

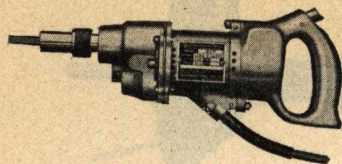


Cat. No.	Tapping Capacity Inches	Retapping Capacity Inches	Free Speed R. P. M.	Wt., Lbs. Each	Price Each
UKR	3/8	5/16	550	6 3/4	\$68.00



Thor Electric Screwdrivers

32, 110 or 220 Volts, A. C. or D. C.



EQUIPMENT.—Grip switch handle, hollow spindle, No. 3 screwdriver attachment, cord and socket plug. No. UBL has, in addition, a $\frac{3}{8}$ -inch Jacob chuck, for drilling.

Specify voltage.

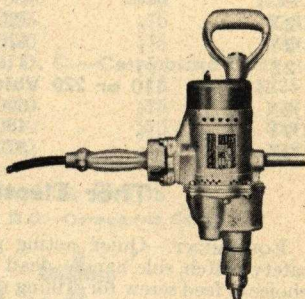
Cat. No.	Capacity Screws	Free Speed R. P. M.	Wt., Lbs. Each	Price Each
UBG	No. 10 to No. 16	755	8 $\frac{1}{2}$	\$82.00
UBL	" 10 " 16	755	8 $\frac{1}{2}$	87.00

Thor Electric Drills

32, 110 or 220 Volts, A. C. or D. C.

EQUIPMENT.—Side handle switch, threaded spindle, Jacobs chuck, spade handle, dead handle, cord and socket plug.

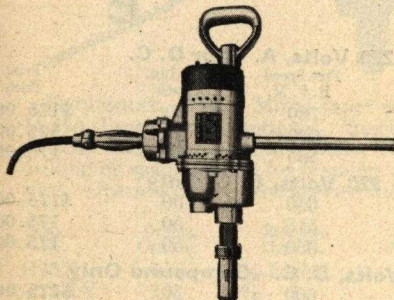
Specify voltage.



Cat. No.	Capacity Inches	Free Speed R. P. M.	Wt., Lbs. Each	Price Each
UDA	$\frac{1}{2}$	700	17 $\frac{1}{2}$	\$95.00
UDB	$\frac{9}{16}$	700	17 $\frac{1}{2}$	100.00

No. UDE Thor Electric Screwdrivers

32, 110 or 220 Volts, A. C. or D. C.



EQUIPMENT.—Side handle switch, spade handle, dead handle, threaded spindle, No. 5 screwdriver attachment, cord and socket plug.

Specify voltage.

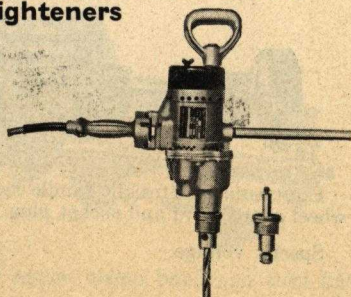
Cat. No.	Capacity Screws	Free Speed R. P. M.	Wt., Lbs. Each	Price Each
UDE	No. 16 and Up	550	17 $\frac{1}{2}$	\$110.00

No. UDK Thor Quick Interchangeable Electric Drill, Screwdriver and Nut Tighteners

32, 110 or 220 Volts, A. C. or D. C.

EQUIPMENT.—Side handle switch, spade handle, dead handle, hollow spindle, chuck for drilling, and screwdriver attachment for driving screws or bolts and running on nuts, cord and socket plug.

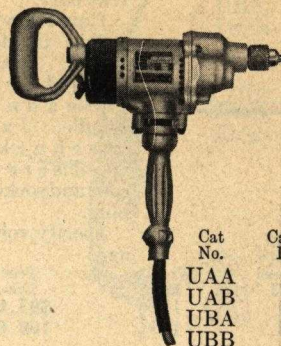
Specify voltage.



Cat. No.	Cap. In.	Wood Boring In.	Capacity Screws	Cap. Run on Free Bolts Nuts Speed In. In. R.P.M.	Wt. Lbs. Each	Price Each
UDK	$\frac{5}{8}$	1 $\frac{1}{4}$	No. 16 and Up	$\frac{1}{2}$ $\frac{5}{8}$ 550	20 $\frac{1}{2}$	\$125.00

Thor Electric Drills

32, 110 or 220 Volts, A.C. or D.C.



Three-conductor safety cable furnished.

EQUIPMENT.—Side handle switch, threaded spindle, spade handle, Jacobs chuck, cord and socket plug.

Specify voltage.

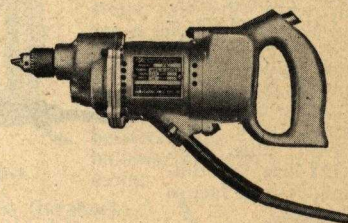
Cat. No.	Capacity Inches	Free Speed R.P.M.	Wt., Lbs. Each	Price Each
UAA	$\frac{1}{4}$	2500	6	\$60.00
UAB	$\frac{5}{16}$	1850	6	60.00
UBA	$\frac{5}{16}$	1100	8	70.00
UBB	$\frac{3}{8}$	755	8	70.00

Thor Electric Drills

32, 110 or 220 Volts, A.C. or D.C.

EQUIPMENT.—Grip switch handle, threaded spindle, Jacobs chuck, cord and socket plug.

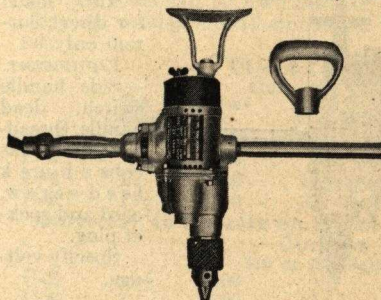
Specify voltage.



Cat. No.	Capacity Inches	Free Speed R.P.M.	Wt., Lbs. Each	Price Each
UAC	$\frac{1}{4}$	2500	6	\$63.00
UAD	$\frac{5}{16}$	1850	6	63.00
UBC	$\frac{5}{16}$	1100	8 $\frac{1}{2}$	72.00
UBD	$\frac{3}{8}$	755	8 $\frac{1}{2}$	72.00

No. UHB Thor Electric Drills

32, 110 or 220 Volts, A.C. or D.C



EQUIPMENT.—Side handle switch, threaded spindle, Jacobs chuck, dead handle, and choice of breast plate or spade handle, cord and socket plug.

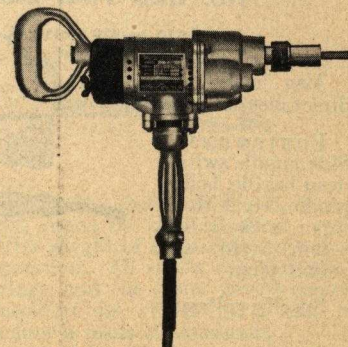
Specify voltage.

Cat. No.	Capacity Inches	Free Speed R.P.M.	Wt., Lbs. Each	Price Each
UHB	$\frac{1}{2}$	755	8 $\frac{1}{2}$	\$75.00

Thor Electric Screwdrivers

EQUIPMENT.—Side handle switch, spade handle, hollow spindle, No. 3 screwdriver attachment, cord and socket plug. No. UBK has in addition, a $\frac{3}{8}$ -inch Jacobs chuck, for drilling.

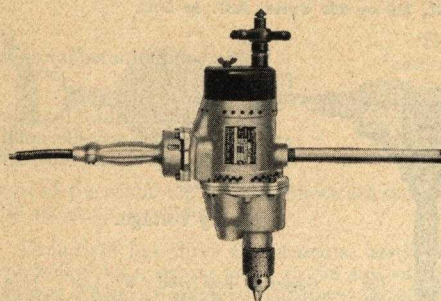
Specify voltage.



Cat. No.	Capacity Screws	Free Speed R.P.M.	Wt., Lbs. Each	Price Each
UBE	No. 10 to No. 16	755	8 $\frac{1}{2}$	\$80.00
UBK	" 10 " 16	755	8 $\frac{1}{2}$	85.00

**Thor Electric Drills**

32, 110 or 220 Volts, A. C. or D. C.



Also made for direct current only.

EQUIPMENT.—Side handle switch, dead handle, threaded spindle, Jacobs chuck, feed screw, cord and socket plug.

Specify voltage.

Cat. No.	Capacity Inches	Free Speed R. P. M.	Wt., Lbs. Each	Price Each
UDN	1/2	700	17 1/2	\$95.00
UDP	9/16	700	17 1/2	100.00

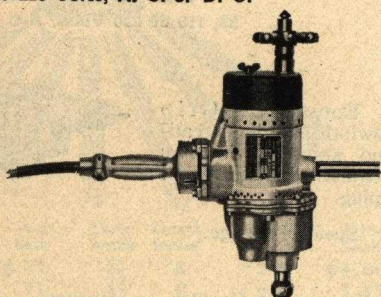
Thor Electric Drills

32, 110 or 220 Volts, A. C. or D. C.

Also made for direct current only.

EQUIPMENT.—Side handle switch, dead handle, hollow spindle, No. 1 Morse taper socket, feed screw, cord and socket plug. No. UDY has, in addition, 3/8-inch Jacobs chuck.

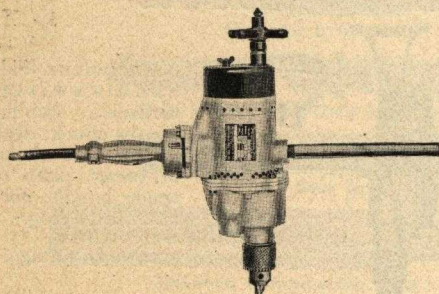
Specify voltage.



Cat. No.	Capacity Inches	Free Speed R. P. M.	Wt., Lbs. Each	Price Each
UDT	9/16	700	17 1/2	\$100.00
UDY	3/8	700	17 1/2	105.00

No. UEN Thor Electric Drills

[32, 110 or 220 Volts, A. C. or D. C.]



Also made for direct current only.

EQUIPMENT.—Side handle switch, dead handle, threaded spindle, Jacobs chuck, feed screw, cord and socket plug.

Specify voltage.

Cat. No.	Capacity Inches	Free Speed R. P. M.	Wt., Lbs. Each	Price Each
UEN	5/8	550	18	\$105.00

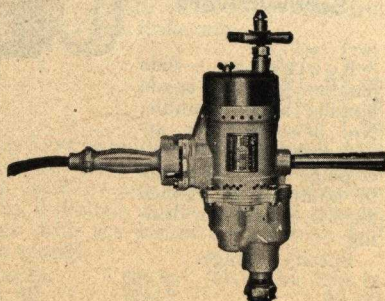
No. UES Thor Electric Drills

32, 110 or 220 Volts, A. C. or D. C.

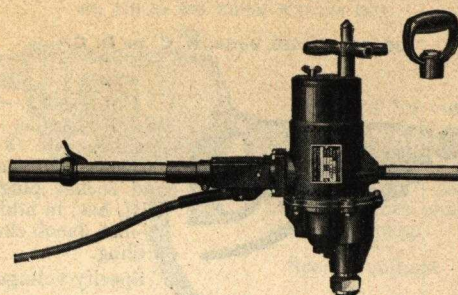
Also made for direct current only.

EQUIPMENT.—Side handle switch, dead handle, hollow spindle, No. 2 Morse taper socket, feed screw, cord and socket plug.

Specify voltage.



Cat. No.	Capacity Inches	Free Speed R. P. M.	Wt., Lbs. Each	Price Each
UES	3/4	550	18	\$115.00

Thor Electric Drills

EQUIPMENT.—Quick acting positive safety switch, side handle, dead handle, choice of feed screw for drilling or spade handle for reaming, No. 2 Morse taper socket and cord. No. 3 Morse taper socket can be furnished if specified. Operate direct from service line. Specify voltage.

110 or 220 Volts, A. C. or D. C.

Cat. No.	Capacity Inches	Free Speed R. P. M.	Wt., Lbs. Each	Price Each
U2X	7/8	725	40	\$135.00
U2Y	7/8	620	40	135.00
U2Z	7/8	470	40	135.00

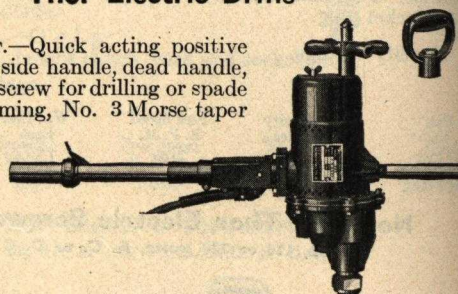
110 or 220 Volts, D. C. Only

Cat. No.	Capacity Inches	Free Speed R. P. M.	Wt., Lbs. Each	Price Each
D2X	7/8	600	40	\$135.00
D2Y	7/8	480	40	135.00
D2Z	7/8	375	40	135.00

Thor Electric Drills

EQUIPMENT.—Quick acting positive safety switch, side handle, dead handle, choice of feed screw for drilling or spade handle for reaming, No. 3 Morse taper socket and cord. Operate direct from service line.

Specify voltage.

**110 or 220 Volts, A. C. or D. C.**

Cat. No.	Capacity Inches	Free Speed R. P. M.	Wt., Lbs. Each	Price Each
U3X	1 1/4	780	50	\$175.00
U3Y	1 1/4	600	50	175.00
U3Z	1 1/4	465	50	175.00

110 or 220 Volts, D. C. Only

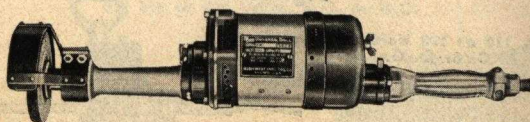
Cat. No.	Capacity Inches	Free Speed R. P. M.	Wt., Lbs. Each	Price Each
D3X	1 1/4	630	50	\$175.00
D3Y	1 1/4	515	50	175.00
D3Z	1 1/4	380	50	175.00

110 or 220 Volts, D. C.—Compound Only

Cat. No.	Capacity Inches	Free Speed R. P. M.	Wt., Lbs. Each	Price Each
C3W	1 1/4	600	50	\$175.00
C3X	1 1/4	480	50	175.00
C3Y	1 1/4	400	50	175.00
C3Z	1 1/4	300	50	175.00

No. 6 Thor Universal Grinders

32, 110 or 220 Volts, A. C. or D. C.



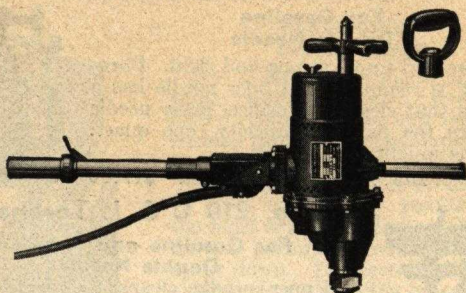
EQUIPMENT.—Straight handle switch, emery wheel, emery wheel guard, cord and socket plug.

Specify voltage.

Cat. No.	Size Wheel Inches	Free Speed R. P. M.	Wt., Lbs. Each	Price Each
6	4x3 1/2	4500	16	\$92.00



Thor Electric Drills



EQUIPMENT.—Quick acting positive safety switch, side handle, dead handle, choice of feed screw for drilling or spade handle for reaming, No. 4 Morse taper socket and cord. Operate direct from service line. Specify voltage.

110 or 220 Volts, D. C. Only

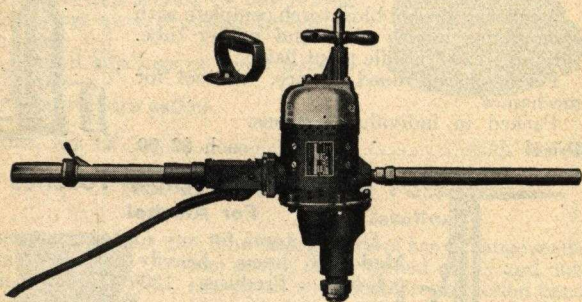
Cat. No.	Capacity Inches	Free Speed R. P. M.	Wt., Lbs. Each	Price Each
D4X	2	530	75	\$225.00
D4Y	2	425	75	225.00
D4Z	2	330	75	225.00

110 or 220 Volts, D. C.—Compound Only

C4W	2	435	75	\$225.00
C4X	2	370	75	225.00
C4Y	2	270	75	225.00
C4Z	2	225	75	225.00

Thor Electric Drills

110 or 220 Volts, D.C.—Compound Only

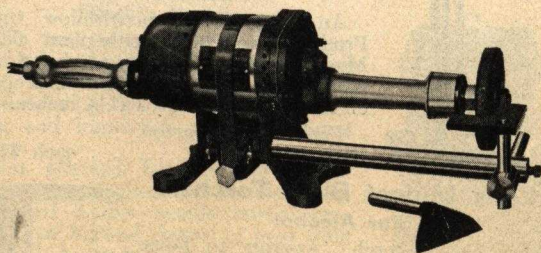


EQUIPMENT.—No. 3 Morse taper socket is standard, No. 4 Morse Taper socket optional. Quick acting positive safety switch, side handle, dead handle, choice of feed screw for drilling or spade handle for reaming, Morse taper socket and cord. Operate direct from service line. Specify voltage.

Cat. No.	Drilling Cap., In.	Reaming Cap., In.	Speed R. P. M.	Wt., Lbs. Each	Price Each
C33X	1 1/4	15/16 Light	730	60	\$225.00
C33XY	1 1/4	15/16 " "	600	60	225.00
C33Y	1 1/4	15/16 Medium	465	62	225.00
C33YZ	1 1/4	15/16 Heavy	380	62	225.00
C33Z	1 1/4	15/16 " "	320	62	225.00

Thor Electric Grinder Stands

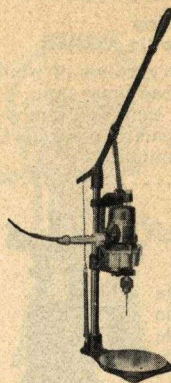
For No. 6 Thor Grinder



Insert Thor Grinder under clamp band and turn hand thumb nut.

Bench Space Inches	Wt., Lbs. Each	Price Each
5x7 5/8	10 1/2	\$20.00

Thor Electric Drill Stands



No. UB is designed for Nos. UBA, UBB, UBK and UHB Thor Electric Drills—5/16 and 3/8-inch.

No. UD is designed for Nos. UDA, UDB, UDN, UDP, UDT, UDY Thor Electric Drills—1/2 and 5/8-inch.

Cat. No.	Vertical Movement Vertically Inches	Adjusted Vertically Inches	Bench Space Inches	Wt., Lbs. Each	Price Each
UD	6 3/4	18 3/4	15x9	40	\$35.00
UB	6 3/4	16 1/4	15x9	40	35.00

E. M. T. Electric Hammers

110 or 220 Volts, A. C. or D. C.



Models D-3 and U-2

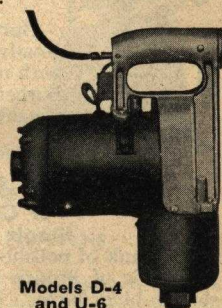
This tool is designed for drilling concrete, brick, and stone, especially where there are a large number of holes to be drilled in one place.

The principle upon which this tool is built consists of a magnetic cushion interposed between the reciprocating hammer element and the motor.

This cushion absorbs the shock and strain incident to the delivery of the blow and the movement of the plunger.

The hammers are built in four sizes and are recommended to take drills from 1/4 to 1 1/2 inches in diameter, the standard star, diamond, or hollow types being used with these tools.

These tools can be used also for chipping, calking, bush-hammering, etc.



Models D-4 and U-6

Direct Current 110 or 220 Volts

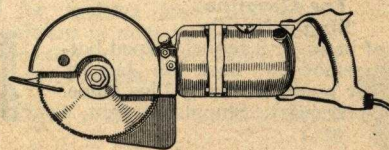
Model	Cap. Concrete Inches	In Blows per Min.	Length Stroke Inches	Power Consump. Watts	Weight Pounds	Price Each
D-3	1/2	3000	1/2	120	14 1/2	\$250.00
D-4	1	1800	1 1/2	220	25	300.00
D-9	1 1/2	1100	3	550	75	480.00

Universal, to Operate on Either Direct or Alternating Current 110 or 220 Volts

Model	Cap. Concrete Inches	In Blows per Min.	Length Stroke Inches	Power Consump. Watts	Weight Pounds	Price Each
U-2	1/2	3000	1/2	150	15	\$300.00
U-6	1	1800	1 1/2	240	27	370.00

With each hammer is included one drill or two chisel blanks of any size and up to 12 inches in length.

Skilsaw Electric Hand Saws



Cuts any material up to 2 3/4 inches in depth, grooves accurately, cuts straight, needs no physical effort, is fool proof and safe. The entire weight of 11 pounds rests on the front guide while in operation. All shafts run through selected Norma ball bearings, and the entire device complies with Underwriters' specifications. Steel parts are rust proofed and body of machine is made of aluminum.

Price, Skilsaw.....each \$140.00

Price of cutters upon application.